



0 251 234
A3

②

Ⓢ¹ Int. Cl.⁴: **G06F 9/46**, G06F 13/26 ,
G06F 15/16

②② Date of filing: 26.06.87

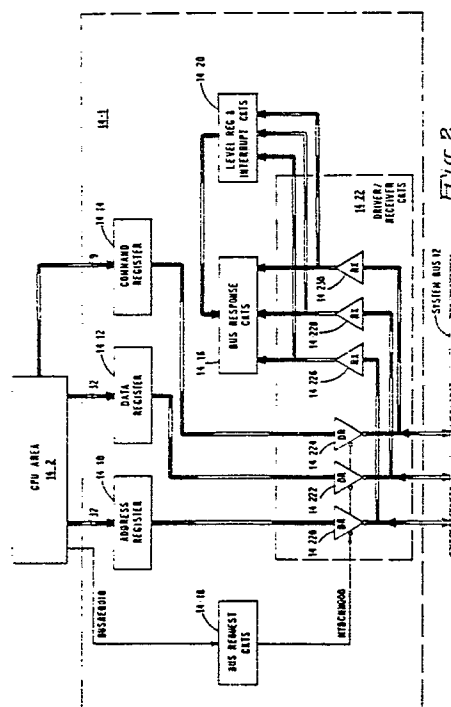
⑦ Applicant: **Honeywell Bull Inc.**
3800 W. 80th Street
Minneapolis Minnesota 55431(US)

72 Inventor: **Keeley, James W.**
41 Parrish Hill Drive
Nashua New Hampshire(US)
 Inventor: **Barlow, George J.**

**19 Easement Road
Tewksbury Massachusetts(US)**

74 Representative: **Frohwitter, Bernhard,**
Dipl.-Ing. et al
Bardehle-Pagenberg-Dost-Altenburg
Frohwitter-Geissler & Partner Gallileiplatz 1
Postfach 86 06 20
D-8000 München 86(DE)

⑤7 Apparatus is included within the bus interface circuits of each processing unit of a multiprocessing system which connect in common with the other units of the system to an asynchronous system bus. The apparatus and interrupt couples to the processing unit's level register and interrupt circuits. In response to a command specifying a level change, the apparatus conditions these circuits to store level and interrupt signals applied to the system bus as part of such CPU command during a bus cycle of operation granted to the processing unit on a priority basis. This ensures the reliable switching between interrupt levels and the notification of such level changes to the other units of the system without interference from other processing units.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	US-A-3 988 719 (WHITBY et al.) * Column 5, line 26 - column 6, line 15; column 13, line 29 - column 14, line 20 *	1,3,11,13	G 06 F 9/46 G 06 F 13/26 G 06 F 15/16
A	---	20	
Y	GB-A-2 059 125 (N.V. PHILIPS' GLOEILAMPENFABRIEKEN) * Page 3, lines 1-96; figure 2 *	1,11	
Y	---		
Y	US-A-4 271 467 (HOLTEY) * Claim 1, columns 16-18 *	3,13	
A	---		
A	US-A-3 999 165 (KITA et al.) * Column 4, claim 1 *	1,11,20	
A	---		
A	US-A-4 023 143 (BRAUNSTEIN) * Column 2, line 37 - column 3, line 59; figure 1 *	1,11,20	
A	---		
A	US-A-3 848 233 (LOTAN et al.) * Column 3, line 33 - column 4, line 33; column 14, line 57 - column 15, line 29 *	1,11,20	TECHNICAL FIELDS SEARCHED (Int. Cl.4) G 06 F

The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25-03-1988	Examiner TIBAUX M.J.P.G.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			